

What is claimed is:

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1. An apparatus for converting an object display description document, comprising a generating means for generating, from a set of source objects in the document, a set of new objects fewer than said set of
5 source objects, to obtain a display image equivalent to the display image obtained from said set of source objects.

2. The apparatus as recited in claim 1, wherein said generating means deletes source objects hidden spatially behind another source object
10 which is not transparent nor translucent.

3. The apparatus as recited in claim 1, wherein said generating means generates a new object based on a transparent or translucent source object and other source objects located at a lower layer than a layer including
15 said transparent or translucent source object therein and spatially overlapping said transparent or translucent source object.

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4. The apparatus as recited in claim 3, wherein generation of said new object from said transparent or translucent source object and said
20 other source objects is performed for a time range in which said transparent or translucent source object spatially overlaps said other source objects.

5. The apparatus as recited in claim 1, wherein said generating means deletes a source object when a display time for said source object is
25 out of a display time range for said set of source objects.

6. The apparatus as recited in claim 1, further comprising a means for storing said set of new objects to a storage medium.

5 7. The apparatus as recited in claim 1, further comprising a means for selectively storing said set of source objects or said set of new objects to a storage medium.

10 8. The apparatus as recited in claim 1, further comprising a means for displaying said set of new objects, wherein said apparatus is used as a browser.

15 9. The apparatus as recited in claims 1, further comprising a means for selectively displaying said set of source objects or said set of new objects, wherein said apparatus is used as a browser.

20 10. A method for converting an object display description document, comprising a generation step of generating, from a set of source objects in the document, a set of new objects fewer than said set of source objects, to obtain a display image equivalent to the display image obtained from said set of source objects.

25 11. The method as recited in claim 10, wherein said generation step deletes source objects hidden spatially behind another source object which is not transparent nor translucent.

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12. The method as recited in claim 10, wherein said generation step generates a new object based on a transparent or translucent source object and other source objects located at a lower layer than a layer including
5 said transparent or translucent source object therein and spatially overlapping said transparent or translucent source object.

13. The method as recited in claim 12, wherein generation of said new object from said transparent or translucent source object and said other
10 source objects is performed for a time range in which said transparent or translucent source object spatially overlaps said other source objects.

14. The method as recited in claim 10, wherein said generation step deletes a source object when a display time for said source object is out
15 of a display time range for said set of source objects.

15. The method as recited in claim 10, further comprising a step of storing said set of new objects to a storage medium.

20 16. The method as recited in claim 10, further comprising a step of selectively storing said set of source objects or said set of new objects to a storage medium.

25 17. The method as recited in claim 10, further comprising a step of displaying said set of new objects.

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18. The method as recited in claims 10, further comprising a step of selectively displaying said set of source objects or said set of new objects.

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19. A computer program for causing a computer to execute a method for converting an object display description document, said method comprising a generation step of generating, from a set of source objects in the document, a set of new objects fewer than said set of source objects, to obtain a display image equivalent to the display image obtained from said set of source objects.

20. The program as recited in claim 19, wherein said generation step deletes source objects hidden spatially behind another source object which is not transparent nor translucent.

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21. The program as recited in claim 19, wherein said generation step generates a new object based on a transparent or translucent source object and other source objects located at a lower layer than a layer including said transparent or translucent source object therein and spatially overlapping said transparent or translucent source object.

22. The program as recited in claim 21, wherein generation of said new object from said transparent or translucent source object and said other source objects is performed for a time range in which said transparent or translucent source object spatially overlaps said other source objects.

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23. The program as recited in claim 19, wherein said generation step deletes a source object when a display time for said source object is out of a display time range for said set of source objects.

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24. The program as recited in claim 19, further comprising a step of storing said set of new objects to a storage medium.

25. The program as recited in claim 19, further comprising a step
10 of selectively storing said set of source objects or said set of new objects to a storage medium.

26. The program as recited in claim 19, further comprising a step of displaying said set of new objects.

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27. The program as recited in claims 19, further comprising a step of selectively displaying said set of source objects or said set of new objects.

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